

DERWENT-ACC-NO: 2002-409716
DERWENT-WEEK: 200244
COPYRIGHT 1999 DERWENT INFORMATION LTD

TITLE: Amorphous porous powder used as desiccant,
absorbent of gas
chromatography apparatus, contains silica and
preset amount of compounds
containing zirconium and element(s) of alkaline
earth metal

PATENT-ASSIGNEE: KYOCERA CORP[KYOC]

PRIORITY-DATA: 2000JP-0230911 (July 31, 2000)

PATENT-FAMILY:

PUB-NO	PUB-DATE	
LANGUAGE	PAGES	MAIN-IPC
JP 2002047007	February 12, 2002	
006	C01B 033/157	N/A
A		

APPLICATION-DATA:

PUB-NO	APPL-DESCRIPTOR	APPL-NO
	APPL-DATE	
JP2002047007A	N/A	
2000JP-0230911	July 31, 2000	

INT-CL (IPC): C01B033/157

ABSTRACTED-PUB-NO: JP2002047007A
BASIC-ABSTRACT: NOVELTY - The amorphous porous
powder contains silica as main
component and 0.5 weight% or more compounds (A)
containing element(s) of
alkaline earth metal and zirconium.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also

included for manufacture of
porous powder which involves adding 0.5 wt.% or
more of compounds (A) to silica
gel with mean particle diameter of 0.1-20 μ m and
heat processing at 800-1100
deg. C.

USE - As desiccant, absorbent of gas chromatography
apparatus, catalyst support
and filtering material.

ADVANTAGE - The porous material is amorphous and is
thermally stable.

CHOSEN-DRAWING: Dwg.0/0

TITLE-TERMS:
AMORPHOUS POROUS POWDER DESICCATE ABSORB GAS
CHROMATOGRAPHY APPARATUS CONTAIN
SILICA PRESET AMOUNT COMPOUND CONTAIN ZIRCONIUM
ELEMENT ALKALINE EARTH METAL

DERWENT-CLASS: E36

CPI-CODES: E11-R01A; E31-P01; E31-P05A;

CHEMICAL-CODES:

Chemical Indexing M3 *01*

Fragmentation Code

B114 B702 B720 B831 C108 C800 C802 C803 C804
C805

C807 M411 M720 M904 M905 N173 N515 Q423 Q605
R036

Specific Compounds

01694K 01694P

Registry Numbers

1694P 1694U

Chemical Indexing M3 *02*

Fragmentation Code

A204 A212 A220 A238 A256 A540 A940 B114 B701

B712

B720 B831 C108 C802 C803 C804 C805 C807 M411
M720

M904 M905 N104 N515 Q423 Q605 R036

Markush Compounds

200062-68601-K 200062-68601-P

UNLINKED-DERWENT-REGISTRY-NUMBERS: 1694P; 1694U

SECONDARY-ACC-NO:

CPI Secondary Accession Numbers: C2002-115694